## TECHNIQUES FOR DESIGNING AND MANUFACTURING PRECISION-FOLDED, HIGH STRENGTH, FATIGUE-RESISTANT STRUCTURES AND SHEET THEREFOR

## 5 RELATED APPLICATIONS

This application is a Continuation-in-Part Application based upon a co-pending patent application Serial No. 10/256,870, filed September 26, 2002, and entitled METHOD FOR PRECISION BENDING OF SHEET OF MATERIALS, SLIT SHEETS now U.S. Fabrication PROCESS, which was a Continuation-in-Part Application based upon a co-pending parent application, Serial No. 09/640,267, filed August 17, 2000, and entitled METHOD FOR PRECISION BENDING OF A SHEET OF MATERIAL AND SLIT SHEET THEREFOR, now U.S. Patent No. 6,481,259 B1.

## TECHNICAL FIELD

The present invention relates, in general, designing and precision folding of sheets of material and the manufacture of structures therefrom. particularly, the present invention relates to processes of designing, preparing and manufacturing, including, but not limited to, ways of preparing sheet material, in order to enable precision folding and to the use processes for rapid two-dimension- to- three-dimensional

8-6-2004

15

20